CSCI 410 Pattern Recognition

Assignment Five

by Denton Bobeldyk

1. Partition the fisheriris dataset into a 60% training partition and 40% test partition
    a. The fisheriris dataset comes standard with matlab and can be loaded into the matlab environment by typing 'load fisheriris'.
    b. Use only the first 100 entries (the first 2 classes) for the remaining part of the assignment:
        i. species(1:100)
        ii. meas(1:100,:)
2. Generate a confusion matrix for the test partition using each the classifiers from the previous labs.
    a. Bayesian classifier
    b. Nearest Neighbor (k=1)

Turn-in:

1. The matlab code used to generate the confusion matrix for each of the classifiers
2. The confusion matrix for each of the classifiers (copy and paste the output of the script to a word document). Please make sure the output is properly formatted.